

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|---------------------|
| L1 | 21 | ((Frederiksen same Henning) (Yde- andersen same Steen) (Grahl-Madsen same Laila) (Lundsgaard same Joergen)).in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/22 12:29 |
| S1 | 1 | 10/591841 | US-PGPUB | OR | OFF | 2008/09/27 11:08 |
| S2 | 1 | S1 and anterior and posterior and "90" | US-PGPUB | OR | OFF | 2008/09/27 11:25 |
| S3 | 3496 | 429/34 | US-PGPUB; USPAT | OR | OFF | 2008/09/27 11:30 |
| S4 | 782 | S3 and (bipolar separator\$2) and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2) | US-PGPUB; USPAT | OR | OFF | 2008/09/27 11:31 |
| S5 | 139 | S3 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2) and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2008/09/27 11:34 |
| S6 | 26 | (bipolar separator\$2). ti. and (flowfield\$2 channel\$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field\$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2008/09/27 11:50 |
| S7 | 13 | ("6174616" "4292379" "4469579" "4826554" "5211984" "5272017" "5316871" "5399184" "5472799" "5474857" "5702755" "6503653" "6500580").pn. | US-PGPUB; USPAT | OR | OFF | 2008/09/27 12:02 |

| | | | | | | |
|-----|------|---|-----------------|----|-----|------------------|
| S8 | 3 | (yamamoto same yoshiaki).in. and bipolar | US-PGPUB; USPAT | OR | OFF | 2008/09/27 12:04 |
| S9 | 14 | (yamamoto same yoshiaki).in. and (fuel adj cell\$2) | US-PGPUB; USPAT | OR | OFF | 2008/09/27 12:05 |
| S10 | 1911 | 429/38 | US-PGPUB; USPAT | OR | OFF | 2008/09/27 12:40 |
| S11 | 7 | S10 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2008/09/27 12:40 |
| S12 | 1404 | 429/39 | US-PGPUB; USPAT | OR | OFF | 2008/09/27 12:41 |
| S13 | 7 | S12 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2008/09/27 12:41 |
| S14 | 1 | "20020119359" | US-PGPUB | OR | OFF | 2008/09/27 12:43 |
| S15 | 1 | S14 and direction | US-PGPUB | OR | OFF | 2008/09/27 12:45 |
| S16 | 1 | S14 and anode\$2 and cathode\$2 and flow | US-PGPUB | OR | OFF | 2008/09/27 12:45 |
| S17 | 1 | S14 and "50" and "57" and "40" and "47" and "10" | US-PGPUB | OR | OFF | 2008/09/27 13:12 |
| S18 | 0 | S14 and "50" and "57" and "40" and "47" and "10" and "fig. 7" | US-PGPUB | OR | OFF | 2008/09/27 13:14 |
| S19 | 1 | S14 and "50" and "57" and "40" and "47" and "10" and "7" | US-PGPUB | OR | OFF | 2008/09/27 13:14 |

| | | | | | | |
|-----|----|--|------------------------------|----|-----|---------------------|
| S20 | 1 | S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" | US-PGPUB | OR | OFF | 2008/09/27 13:15 |
| S21 | 0 | S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and S11 | US-PGPUB | OR | OFF | 2008/09/27 13:18 |
| S22 | 1 | S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" | US-PGPUB | OR | OFF | 2008/09/27 13:18 |
| S23 | 1 | S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12" | US-PGPUB | OR | OFF | 2008/09/27 13:20 |
| S24 | 1 | S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12" and "5" | US-PGPUB | OR | OFF | 2008/09/27 13:20 |
| S25 | 1 | S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12" and "5" and "3" | US-PGPUB | OR | OFF | 2008/09/27 13:21 |
| S26 | 1 | S14 and "50" and "57" and "40" and "47" and "10" and "7" and "6" and "11" and "12" and "5" and "3" and "2" and "4" and "9" | US-PGPUB | OR | OFF | 2008/09/27 13:22 |
| S27 | 1 | S1 and active and passive | US-PGPUB | OR | OFF | 2008/09/27 13:26 |
| S28 | 1 | S14 and "13b" and "13a" | US-PGPUB | OR | OFF | 2008/09/27 14:45 |
| S29 | 20 | ((Frederiksen same Henning) (Yde- andersen same Steen) (Grahl-Madsen same Laila) (Lundsgaard same Joergen)).in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/27 14:55 |
| S30 | 9 | S29 and (fuel adj cell \$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/27 14:56 |

| | | | | | | |
|-----|------|---|------------------------|----|-----|------------------|
| S31 | 3 | S29 and (fuel adj cell \$2) and separator\$3 and bipolar and (flow near field\$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/27 14:56 |
| S32 | 1 | "20020119359" | US-PGPUB | OR | OFF | 2009/03/29 15:25 |
| S33 | 1 | 10/591841 | US-PGPUB | OR | OFF | 2009/03/29 15:49 |
| S34 | 1 | S33 and interconnect \$4 | US-PGPUB | OR | OFF | 2009/03/29 15:49 |
| S35 | 3836 | 429/34 | US-PGPUB; USPAT | OR | OFF | 2009/04/10 13:37 |
| S36 | 155 | S35 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2) and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2009/04/10 13:37 |
| S37 | 1 | S35 and (bipolar separator\$2).ti. and (multiple near manifold \$3) | US-PGPUB; USPAT | OR | OFF | 2009/04/10 13:37 |
| S38 | 2012 | 429/38 | US-PGPUB; USPAT | OR | OFF | 2009/04/10 13:38 |
| S39 | 7 | S38 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2009/04/10 13:38 |
| S40 | 1478 | 429/39 | US-PGPUB; USPAT | OR | OFF | 2009/04/10 13:38 |
| S41 | 7 | S40 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2009/04/10 13:38 |

| | | | | | | |
|-----|------|---|------------------------------|----|-----|---------------------|
| S42 | 21 | ((Frederiksen same Henning) (Yde- andersen same Steen) (Grahl-Madsen same Laila) (Lundsgaard same Joergen)).in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/10 13:38 |
| S43 | 3 | S42 and (fuel adj cell \$2) and separator\$3 and bipolar and (flow near field\$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/10 13:39 |
| S44 | 1 | "20050118489" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/10 13:41 |
| S45 | 1 | S44 and "33" and "42" and "40" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/10 13:41 |
| S46 | 1 | 10/591841 | US-PGPUB | OR | OFF | 2009/04/10 13:47 |
| S47 | 1 | S46 and (interconnect \$4 connect\$4) | US-PGPUB | OR | OFF | 2009/04/10 13:48 |
| S48 | 1 | S44 and "33" and "42" and "40" and "32" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/10 13:55 |
| S49 | 1 | 10/591841 | US-PGPUB | OR | OFF | 2009/04/10 14:15 |
| S50 | 1 | S49 and (interconnect \$4 connect\$4) | US-PGPUB | OR | OFF | 2009/04/10 14:15 |
| S51 | 1 | S49 and (interconnect \$4 connect\$4) and "5" and "1" | US-PGPUB | OR | OFF | 2009/04/10 14:23 |
| S52 | 1 | "20020119359" | US-PGPUB | OR | OFF | 2009/07/21 15:01 |
| S53 | 1 | 10/591841 | US-PGPUB | OR | OFF | 2009/07/21 15:04 |
| S54 | 1 | S53 and interconnected | US-PGPUB | OR | OFF | 2009/07/21 15:04 |
| S55 | 4049 | 429/34 | US-PGPUB; USPAT | OR | OFF | 2009/07/21 20:56 |
| S56 | 168 | S55 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and ("90" near\$2 degree\$2) and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2009/07/21 20:56 |

| | | | | | | |
|-----|------|--|------------------------------|----|-----|---------------------|
| S57 | 28 | (bipolar separator\$2). ti. and (flowfield\$2 channel\$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field\$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2009/07/21 20:57 |
| S58 | 2077 | 429/38 | US-PGPUB; USPAT | OR | OFF | 2009/07/21 20:57 |
| S59 | 7 | S58 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2009/07/21 20:57 |
| S60 | 1523 | 429/39 | US-PGPUB; USPAT | OR | OFF | 2009/07/21 20:57 |
| S61 | 7 | S60 and (bipolar separator\$2).ti. and (flowfield\$2 channel \$2) and (((("90" near\$2 degree\$2) (right near angle\$2)) same ((anode\$2 cathode\$2) near3 ((flow near field \$2) channel\$2)))and (bipolar separator\$2) | US-PGPUB; USPAT | OR | OFF | 2009/07/21 20:57 |
| S62 | 1 | (fuel adj cell\$2) and separator\$3 and bipolar and (flow near field\$2) and (manifold \$3 near3 (duplicat\$3 redundant\$3 passive \$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 21:00 |
| S63 | 1 | (fuel adj cell\$2) and separator\$3 and bipolar and (flow near field\$2) and (manifold \$3 near5 (duplicat\$3 redundant\$3 passive \$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 21:01 |

| | | | | | | |
|-----|----|---|------------------------|----|-----|------------------|
| S64 | 4 | (fuel adj cell\$2) and separator\$3 and bipolar and (flow near field\$2) and (manifold\$3 same (duplicat\$3 redundant\$3 passive\$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 21:08 |
| S65 | 71 | (fuel adj cell\$2) and ((separator\$3 bipolar) (flow near field\$2)) and (manifold\$3 same (duplicat\$3 redundant\$3 passive\$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 21:09 |
| S66 | 12 | (fuel adj cell\$2) and ((separator\$3 bipolar) (flow near field\$2)) and (manifold\$3 near5 (duplicat\$3 redundant\$3 passive\$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 21:09 |
| S67 | 1 | ((fuel adj cell\$2) and ((separator\$3 bipolar) (flow near field\$2)) and (manifold\$3 near5 (duplicat\$3 redundant\$3 passive\$3))).clm. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/21 21:15 |

7/ 22/ 2009 12:32:08 PM

C:\ Documents and Settings\ blewis\ My Documents\ EAST\ Workspaces\ 10591841.wsp